

Antibodies to CD and other cell/tissue markers

Sl. No.	Specificity	Clone/purified Ab	Used for	Stained	Source
1	Human Integrin β1	Goat IgG	FC	Lymphocytes	Santa Cruz Biotech. Inc. CA
2	Human Integrin α4	Goat IgG	FC	Lymphocytes	Santa Cruz Biotech. Inc. CA
3	Human L-selectin (CD62L)	Sheep IgG	FC, IHC	Lymphocytes	R and D Systems, Inc. MN
4	Human Sulfo-sialyl-Lewis-x	2H5 (mouse IgM)	IHC	Appendix FAE	Dr. Reiji Kannagi, Nagoya, Japan
5	Human 6-sulfo-sialyl-Lewis-x	G72 (mouse IgM)	IHC	Splenic sinosoids	Dr. Reiji Kannagi, Nagoya, Japan
6	Mouse PNAd (CD62L-ligand)	MECA-79 (rat IgM)	FC,IHC, WB	HEVs, B cells	BD Pharmingen, CA
7	Human CD11a/LFA-1	HI111 (mouse IgG)	FC	Lymphocytes	BD Pharmingen, CA
8	Human CD18	6.7 (mouse IgG)	FC	Lymphocytes	BD Pharmingen, CA
9	Human CD31 (endothelial cell)	JC70A (mouse IgG)	IHC	Endothelium	DAKO, CA
10	Human sialyl Lewis-x	CSLEX1 (mouse IgM)	FC	Lymphocytes	BD Pharmingen, CA
11	Human Lewis-x	MMA (mouse IgM)	FC	Lymphocytes	BD Pharmingen, CA
12	Human CCR7	150503 (mouse IgG2a)	FC	Lymphocytes	R and D Systems, Inc. MN
13	Human CXCR5	51505.111 (mouse IgG2b)	FC	Lymphocytes	R and D Systems, Inc. MN
14	Human CCL21	Goat IgG	IHC	HEVs	R and D Systems, Inc. MN
15	Human LYVE-1	Goat IgG	IHC	Lymphatic endothelium	R and D Systems, Inc. MN
16	Human vascular endothelium	PAL-E (mouse IgG2a)	IHC	Vascular endothelium	Monosan, The Netherlands
17	Vascular adhesion protein-1	VAP-1 (mouse IgG)	IHC	Vascular and lymphatic endothelium	Dr. Sirpa Jalkanen, MediCity Research Lab, Turku, Finland
18	Human Collagen type III	III-53 (mouse IgG1)	IHC	Stroma in appendix	Accurate Chemical and Scientific Corp., NY
19	Human CD35	E11 (mouse IgG1)	IHC	Spleen	BD Pharmingen, CA
20	Human CD40	5C3 (mouse IgG1)	IHC	Spleen	BD Pharmingen, CA
21	Human CD54 (ICAM-1)	Goat IgG	IHC	Stromal elements in appendix follicles, FAE	R and D Systems, Inc. MN

22	Human CD106 (VCAM-1)	51-10C9 (mouse IgG1)	FC, IHC	Appendix B cells but not HEVs	BD Pharmingen, CA
23	Human CD106 (VCAM-1)	Goat IgG	IHC	Stromal elements in appendix follicles, FAE	R and D Systems, Inc. MN
24	Human cytokeratin	C11 (mouse IgG1)	IHC	Appendix	Santa Cruz Biotech. Inc. CA
25	Human laminin	4C7 (mouse IgG2a)	IHC	Appendix	Accurate Chemical and Scientific Corp. NY
26	Pig Vimentin	V9 (mouse IgG)	IHC	Appendix	Chemicon International Inc. CA
27	Rabbit IgM	Goat	IHC, FC	Several tissues	Several suppliers
	Rabbit IgM	367 (mouse)	IHC, FCW B	Several tissues	BD Pharmingen
28	Rabbit IgG	SVB2 (mouse), Goat	IHC, FC	Several tissues	Several suppliers
	Rabbit IgG	C101-359 (mouse)	FC, WB	Several tissues	BD Pharmingen
	Rabbit IgA	102 (mouse)	FC	Several tissues	BD Pharmingen
	Rabbit MHCII-RQ	2C4 (mouse)	FC	Several tissues	BD Pharmingen
29	Rabbit IgA	NRBA (mouse), Goat	IHC, FC	Several tissues	Several suppliers
30	Rabbit CD4	KEN-4 (mouse)	IHC, FC	Several tissues	Several suppliers
31	Rabbit CD8	12.C7 (mouse)	IHC, FC	Several tissues	Several suppliers
32	Human CD79a	HM47 (mouse)	IHC, FC	Several tissues	Several suppliers
33	Human Ki67	Ki-S5 (mouse)	IHC	Several tissues	Several suppliers
34	Rabbit CD5	Goat, Mouse	FC, IHC, WB	Several tissues	Pospisil et al., 2005. Vet. Immunol and Immunopathol. 103; 257-67
35	Rabbit AID	Rabbit	WB, IHC, FC	Appendix	Yang et al. 2005. Proc Natl Acad Sci. USA 102: 17083-88

Sinha and Mage, Dev Comp Immunol. 2004; 28(7-8): 829-841. (Sl. No. 1-14)

Sinha, Alexander and Mage, Vet Immunol Immunopathol. 2006; 110(1-2): 97-108. (Sl. No. 15-18)

IHC = Immunohistochemistry; FC = Flowcytometry; WB = Western blot; HEVs = high endothelial venules; FAE = follicle associated epithelium

Antibodies that do not react with rabbit CD and other cell/tissue markers

	Specificity	Clone/purified Ab	Used f o r	Tested on	Source
1	Human 6-sulfo-sialyl-Lewis-x	G152 (mouse IgM)	IHC	Appendix, spleen	Dr. Reiji Kannagi, Nagoya, Japan
2	Mouse MAdCAM-1	MECA-367 (rat IgG2a)	IHC	Appendix	BD Pharmingen, CA
3	Mouse MAdCAM-1	MECA-89 (rat IgG2a)	IHC	Appendix	BD Pharmingen, CA
4	Human CXCL13	Goat IgG	IHC	Appendix	R and D Systems, Inc. MN
5	Human CD34	Goat IgG	IHC	Appendix	Santa Cruz Biotech. Inc. CA
6	Human CD54 (ICAM-1)	HA58 (mouse IgG1)	IHC, F C	Appendix	BD Pharmingen, CA
7	Human CD54 (ICAM-1)	G-5 (mouse IgG2a)	IHC	Appendix	Santa Cruz Biotech. Inc. CA
8	Human CD54 (ICAM-1)	BBIG-I1 (mouse IgG1)	IHC	Appendix	R and D Systems, Inc. MN
9	Human endomucin	Goat IgG	IHC	Appendix	Santa Cruz Biotech. Inc. CA
10	Human LT β R	Goat IgG	IHC	Appendix	R and D Systems, Inc. MN
11	Human VEGF R3 (Flt-4)	Goat IgG	IHC	Appendix	R and D Systems, Inc. MN
12	Human CD3	UCHT1 + HIT3a (mouse)	FC	spleen	Biolegend
13	Human CD5	UCHT2 (mouse)	FC	spleen	Biolegend
14	Human CD45RO	UCHL-1 (mouse)	FC	Appendix	Biolegend
15	Hu CD19	HIB19 (mouse)	FC	PBL	Biolegend

16	Hu CD184 (CXCR4)	12G5 (mouse)	FC	Appendix, BM	Biolegend
17	Hu CD33	HIM3-4 (mouse)	FC	Appendix, BM	Biolegend
18	HuCD10	HI10a (mouse)	FC	Appendix, BM	Biolegend
19	Hu TLR4	HTA125 (mouse)	FC	IHC	Biolegend
20	Ms CD45R (B220)	RA3-6B2 (mouse)	FC	BM-stains MHCI I-neg cells	Biolegend
21	Hu TNF α	11 (mouse)	FC	Appendix	Biolegend
22	Hu TNF β	359-81-11 (mouse)	FC	Appendix	Biolegend
23	Hu CD180 (RP105)	MHR73-11 (mouse)	FC	Appendix	Biolegend